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RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 07/867 819C
Source: 1600
Date Processed by STIC: 3-13-03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
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Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
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Revised 01/29/2002

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MAR 17 2003
TECH CENTER 1600/2900
1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/07/867,819C

DATE: 03/13/2003

TIME: 12:30:32

Input Set : N:\Crf4\03122003\G867919C.raw

Output Set: N:\CRF4\03132003\G867819C.raw

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1 <110> APPLICANT: Harley, John
2 <120> TITLE OF INVENTION: Methods and Reagents for Diagnosis of Autoantibodies
3 <130> FILE REFERENCE: OMRF 114 CIP (2)
C--> 4 <140> CURRENT APPLICATION NUMBER: US/07/867,819C
5 <141> CURRENT FILING DATE: 1992-04-13
6 <150> PRIOR APPLICATION NUMBER: 07/472,947
7 <151> PRIOR FILING DATE: 1990-01-31
8 <150> PRIOR APPLICATION NUMBER: 07/648,205
9 <151> PRIOR FILING DATE: 1991-01-31
10 <160> NUMBER OF SEQ ID NOS: 161
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32 <223> OTHER INFORMATION: Binding site
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44 <223> OTHER INFORMATION: Binding site
45 <400> SEQUENCE: 3
46     Arg Val Pro Leu Ala Gly Ala Ala

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Does Not Comply
Corrected Diskette Needed

PJ. 4,6

RAW SEQUENCE LISTING

PATENT APPLICATION: US/07/867,819C

DATE: 03/13/2003

TIME: 12:30:32

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Output Set: N:\CRF4\03132003\G867819C.raw

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69 <223> OTHER INFORMATION: Binding site
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76 <212> TYPE: PRT
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80 <222> LOCATION: (3)..(10)
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83 Gln Val Met Thr Pro Gln Gly Arg Gly Thr Val Ala
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89 <213> ORGANISM: homo sapien
90 <220> FEATURE:
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92 <222> LOCATION: (8)..(15)
93 <223> OTHER INFORMATION: Binding site
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95 Pro Thr Gln Tyr Pro Pro Gly Arg Gly Thr Pro Pro Pro Pro Val
96 1 5 10 15
98 <210> SEQ ID NO: 8
99 <211> LENGTH: 15
100 <212> TYPE: PRT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/07/867,819C

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TIME: 12:30:32

Input Set : N:\Crf4\03122003\G867919C.raw
Output Set: N:\CRF4\03132003\G867819C.raw

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125 <213> ORGANISM: homo sapien
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129 <223> OTHER INFORMATION: Binding site
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141 <223> OTHER INFORMATION: Binding site
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153 <223> OTHER INFORMATION: Binding site

RAW SEQUENCE LISTING
PATENT APPLICATION: US/07/867,819C

DATE: 03/13/2003
TIME: 12:30:32

Input Set : N:\Crf4\03122003\G867919C.raw
Output Set: N:\CRF4\03132003\G867819C.raw

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168 1 5 10
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177 <223> OTHER INFORMATION: Binding site
178 <220> FEATURE:
179 <221> NAME/KEY: VARIANT
180 <222> LOCATION: (9)..(9) *If the amino acid at position 9 can vary,
please use Xaa, instead, and explain in 220>*
181 <223> OTHER INFORMATION: Arginine at position 9 can be substituted with F, G, H, Y
K, S, *223)* *see fm*

182 T, V and Y.
183 <400> SEQUENCE: 14
184 Arg Gly Pro Pro Pro Pro Gly Met Arg Pro Pro Arg
185 1 5 10
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201 <212> TYPE: PRT
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206 <223> OTHER INFORMATION: Binding site

RAW SEQUENCE LISTING
PATENT APPLICATION: US/07/867,819C

DATE: 03/13/2003
TIME: 12:30:32

Input Set : N:\Crf4\03122003\G867919C.raw
Output Set: N:\CRF4\03132003\G867819C.raw

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214 <213> ORGANISM: homo sapien
215 <220> FEATURE:
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217 <222> LOCATION: (1)..(8)
218 <223> OTHER INFORMATION: Binding site
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220 Lys Asp Thr Gly Ile Ala Arg Val
221 1 5
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225 <212> TYPE: PRT
226 <213> ORGANISM: homo sapien
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255 <223> OTHER INFORMATION: Binding site
256 <400> SEQUENCE: 20
257 Ile Cys His Gln Ile Glu Tyr Tyr Phe Gly Asp Phe Asn Leu Pro Arg
258 1 5 10 15
259 Asp Lys Phe Leu Lys

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/13/2003
PATENT APPLICATION: US/07/867,819C TIME: 12:30:33

Input Set : N:\Crf4\03122003\G867919C.raw
Output Set: N:\CRF4\03132003\G867819C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:119; Xaa Pos. 5

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:14; Line(s) 181

VERIFICATION SUMMARY

PATENT APPLICATION: US/07/867,819C

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Input Set : N:\Crf4\03122003\G867919C.raw

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L:4 M:270 C: Current Application Number differs, Replaced Current Application Number

L:1379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:0.